



ADSL2+ Residential Gateways

From a single-port entry model, to today's cutting edge multi-port, wireless, VoIP Residential Gateway- Comtrend's Lineup will deliver to your customers.

Triple Play

Data, Video and Voice services over a single device.

ADSL2plus Bonded

Two-pair bonding doubles the bandwidth enabling the delivery of multiple high bandwidth utilization media types.

Router

High-performance network media processor for Data, Video and Voice bundled services and security applications.

Security

Professional grade firewall with Denial of Services protection helps to keep your network safe from Internet hackers.

www.comtrend.com

Ethernet
USB
Wireless
VoIP
Bonded

CT-5071	1			
CT-5612	1	1		
CT-5621	4	1		
CT-536+	4	1	✓	
CT-6381	4		✓	2
NexusLink	4		✓	✓

Quality Of Service

Prioritize different traffic and media types across the Internet.

Virtual Private Networking (VPN)

Initiate and terminate secure communication sessions across the Internet.

Management

Quick Install wizard allows for simple configuration. DSL Forum's TR-69 enables operators to configure and up grade remote units effortlessly.

Networking

Ethernet and wireless connectivity allow for multiple computers and media devices to access the Internet simultaneously.

ADSL2+ Lineup

Comtrend ADSL2+ Lineup



Technical Specifications

ADSL

- G.dmt, G.dmt.bis, ANSI T1.413 Issue 2, ADSL2, RE-ADSL2, ADSL2+, and *Bonded ADSL2+
- Annexes A, L & M
- Power Management L0, L2 and L3
- Online Reconfiguration (OLR)
- TR-037 DSL Auto-config

ATM

- Up to 8 AAL5 PVCs across VPI 0-255, VCI 0-65535
- Traffic class: UBR, CBR, VBR-rt and VBR-nrt
- UNI 3.1/4.0 PVC
- OAM F4/F5

Bridging

- RFC 1483/2684 IP over Ethernet ATM PVCs
- IEEE 802.1d transparent bridging and learning Spanning Tree Algorithm
- IGMP Snooping
- PPPOE Half-Bridge mode (PPPOE relay)

Routing

- RFC 2364 (PPPoA), RFC 2516 (PPPoE),
- RFC 1483/2684 routed encapsulation
- Static routing, RIPv1/v2 and MAC Encapsulated Routing (MER)
- IGMP Proxy
- Network Address Port Translation (NAPT)
- DHCP client/server/relay
- DNS proxy, Dynamic DNS client
- DiffServ IP QoS

Security

- Stateful Packet Inspection Firewall
- Denial of Service (DoS) protection
- Parental Controls
- Access level control
- SSH (Secure Shell) client
- Port-based VLANs
- WPA, WPA2 with 802.1x authentication*
- WEP, TKIP, & AES encryption*
- IPSec termination*

* Selected models

** Future software release

Management

- Web based graphical user interface
- Command Line Interface (CLI)
- Configuration back-up and restore
- Remote/Local Firmware upgrade via HTTP or FTP
- Telnet and SSH
- Syslog & SNMP v1/v2
- UPnP IGD (Internet Gateway Device)
- Advanced Diagnostics and Statistics
- TR-064** and TR-069

VoIP*

- SIP 1.0/2.0 (RFC 2543/3261)
- MGCP (RFC 3435)
- Codecs (G.711, G.723.1, G.726, G.729ab)
- Analog Ports: 2 FXS & 1 FXO
- CLID, Lifeline/E911, echo cancellation, silence suppression

Media Interfaces

- WAN: ADSL2+ (RJ-11 or *RJ-14)
- 10/100BaseT Ethernet (RJ45)
- MDI/MDI-x auto sensing
- 802.11g WLAN Access Point*

Hardware Specifications

- Power On/Off switch
- Reset button
- AC voltage : 110 VAC or 220 VAC
- Temperature: 0o ~ 50oC (32 ~ 122 F)
- Humidity: 5% ~ 90%

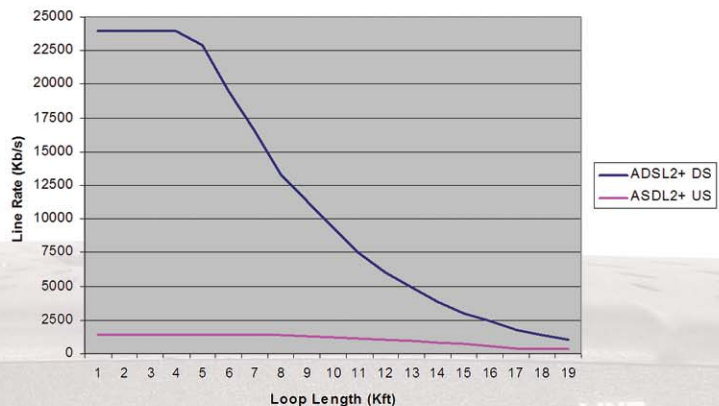
Certifications

- FCC part 15 class B, FCC part 68
- UL 1950 v3

Warranty

- 2 years parts and labor for hardware

ADSL2+ Rate/Reach Performance



For more information: www.comtrend.com

Comtrend Corporation. - Unit C-104, 15375 Barranca Parkway, Irvine CA 92618 - Tel: 949.753.9640 Fax: 949.753.9020